

Larry Waggoner

Project: KWKL Curves: VHF Low Band for 88 MHz to 108 MHz

Site Coordinates: 34-16-19 North 98-25-30 West

NGDC 30-Second Database for Continental US.

DEM-30 Database for AK, HI, and PR.

Site Elevation AMSL: (981 feet), 299 meters

Antenna HAAT: 152 meters

Antenna Center Above Sea Level: 454 meters

TV/FM Channel: 210

----- DISTANCES TO CONTOURS IN KILOMETERS -----

AZM	HAAT	ERP	70 dB	60 dB	100 dB	54 dB	40 dB
(deg)	(m)	(kW)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10

324	132	45.00	30.0	48.7	5.5	73.8	132.9
325	133	45.00	30.1	48.9	5.5	73.9	133.1
326	134	45.00	30.2	49.0	5.5	74.1	133.2
327	135	45.00	30.3	49.1	5.5	74.3	133.3
328	136	45.00	30.4	49.3	5.5	74.4	133.5
329	137	45.00	30.5	49.4	5.5	74.6	133.6
330	137	45.00	30.5	49.4	5.5	74.6	133.6
331	138	45.00	30.6	49.6	5.6	74.7	133.8
332	139	45.00	30.7	49.7	5.6	74.9	133.9
333	140	45.00	30.8	49.8	5.6	75.0	134.0
334	140	45.00	30.8	49.8	5.6	75.0	134.0
335	141	45.00	30.9	50.0	5.6	75.2	134.2
336	142	45.00	31.0	50.1	5.6	75.3	134.3
337	142	45.00	31.0	50.1	5.6	75.3	134.3
338	143	45.00	31.0	50.2	5.7	75.5	134.4
339	144	45.00	31.1	50.4	5.7	75.7	134.5
340	145	45.00	31.2	50.5	5.7	75.8	134.7
341	145	45.00	31.2	50.5	5.7	75.8	134.7
342	146	45.00	31.3	50.6	5.7	76.0	134.8
343	147	45.00	31.4	50.8	5.7	76.1	134.9
344	147	45.00	31.4	50.8	5.7	76.1	134.9
345	148	45.00	31.5	50.9	5.8	76.3	135.1
346	149	45.00	31.6	51.0	5.8	76.4	135.2
347	149	45.00	31.6	51.0	5.8	76.4	135.2
348	150	45.00	31.7	51.2	5.8	76.5	135.3
349	150	45.00	31.7	51.2	5.8	76.5	135.3
350	150	45.00	31.7	51.2	5.8	76.5	135.3
351	150	45.00	31.7	51.2	5.8	76.5	135.3
352	150	45.00	31.7	51.2	5.8	76.5	135.3
353	149	45.00	31.6	51.0	5.8	76.4	135.2
354	148	45.00	31.5	50.9	5.8	76.3	135.1
355	147	45.00	31.4	50.8	5.7	76.1	134.9
356	146	45.00	31.3	50.6	5.7	76.0	134.8
357	145	45.00	31.2	50.5	5.7	75.8	134.7
358	145	45.00	31.2	50.5	5.7	75.8	134.7
359	144	45.00	31.1	50.4	5.7	75.7	134.5